



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES  
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
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[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

## NOTICE OF ACCEPTANCE (NOA)

Best Rolling Door, MFG  
9780 NW 79<sup>th</sup> Avenue  
Hialeah Gardens, FL 33016

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

### DESCRIPTION: Model S10-100 Steel Roll-up Door

**APPROVAL DOCUMENT:** Drawing No. **100\_2009\_01**, titled "Model S10-100", sheets 1 through 3 of 3, dated March 25, 2009, last revision dated March 28, 2015, prepared by Best Rolling Door, MFG, signed & sealed by Joseph H. Dixon, Jr., P.E., on May 03, 2015 bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number & the expiration date by the Miami-Dade County Product Control Section.

### MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # **14-0514.06** and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



*Helmy A. Makar*  
06/09/2016

NOA No. 15-1118.02  
Expiration Date: 06/10/2019  
Approval Date: 06/09/2016

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 09-0415.09**

**A. DRAWINGS**

1. *Drawing No. 100\_2009\_01, titled "Model S10-100", sheets 1 through 3 of 3, dated 03/25/09, prepared by Best Rolling Door, Inc, signed and sealed by Joseph H. Dixon, Jr., P.E.*

**B. TESTS**

1. *Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
4) Tensile Test per ASTM A370,*

*Along with marked-up drawings and installation diagram of Model S10-100 Steel Garage Doors, prepared by Fenestration Testing Laboratory, Inc., Test Report No. FTL # 5370, dated 03/13/08, signed and sealed by Carlos S. Rionda, P.E.*

**C. CALCULATIONS**

1. *Calculations for attachment of "C" channel guide to steel or concrete jamb, dated 03/21/09, prepared, signed and sealed by Joseph H. Dixon, Jr., P.E.*

**D. QUALITY ASSURANCE**

1. *Miami Dade Building Code Compliance Office (BCCO).*

**E. MATERIAL CERTIFICATIONS**

1. *Notice of Acceptance No. 07-1107.08, issued to Dyplast Products, LLC, for their Expanded Polystyrene Block Type Insulation, approved on 02/28/08 and expiring on 01/11/12.*

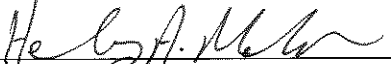
**F. STATEMENTS**

1. *Statement letter of code conformance, dated 03/30/09, signed and sealed by Joseph H. Dixon, Jr., P.E.*
2. *Statement letter of no financial interest, dated 03/20/09, signed and sealed by Joseph H. Dixon, Jr., P.E.*

**2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 11-0921.13**

**A. DRAWINGS**

1. *Drawing No. 100\_2009\_01, titled "Model S10-100", sheets 1 through 3 of 3, dated March 25, 2009, prepared by Best Rolling Door, Inc, signed and sealed by Joseph H. Dixon, Jr., P.E., on May 22, 2012.*

  
Henry A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 15-1118.02  
Expiration Date: 06/10/2019  
Approval Date: 06/09/2016

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

**A. MATERIAL CERTIFICATIONS**

1. *None.*

**B. STATEMENTS**

1. *Statement letter of code conformance, dated 08/29/11, signed and sealed by Joseph H. Dixon, Jr., P.E.*

**3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 14-0514.06**

**A. DRAWINGS**

1. *Drawing No. 100\_2009\_01, titled "Model S10-100", sheets 1 through 3 of 3, dated March 25, 2009, last revision dated April 18, 2014, prepared by Best Rolling Door, MFG, signed & sealed by Joseph H. Dixon, Jr., P.E., on May 03, 2014.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**


1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

**E. MATERIAL CERTIFICATIONS**

1. *None.*

**F. STATEMENTS**

1. *Statement letter of FBC, 2010 code conformance, dated 05/03/14, signed and sealed by Joseph H. Dixon, Jr., P.E.*

  
Henry A. Makar, P.E., M.S.  
Product Control Section Supervisor  
NOA No. 15-1118.02  
Expiration Date: 06/10/2019  
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**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**4. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. *Drawing No. 100\_2009\_01, titled "Model S10-100", sheets 1 through 3 of 3, dated March 25, 2009, last revision dated March 28, 2015, prepared by Best Rolling Door, MFG, signed and sealed by Joseph H. Dixon, Jr., P.E., on May 03, 2015.*

**B. TESTS**

1. *None.*

**C. CALCULATIONS**

1. *None.*

**D. QUALITY ASSURANCE**


1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

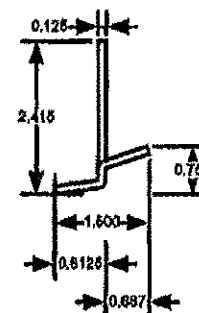
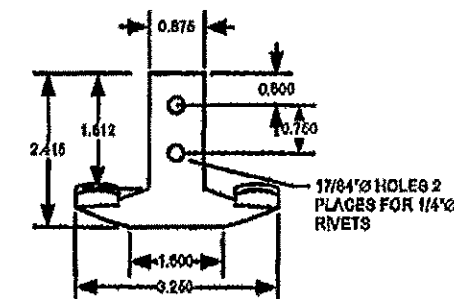
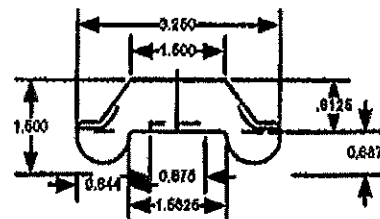
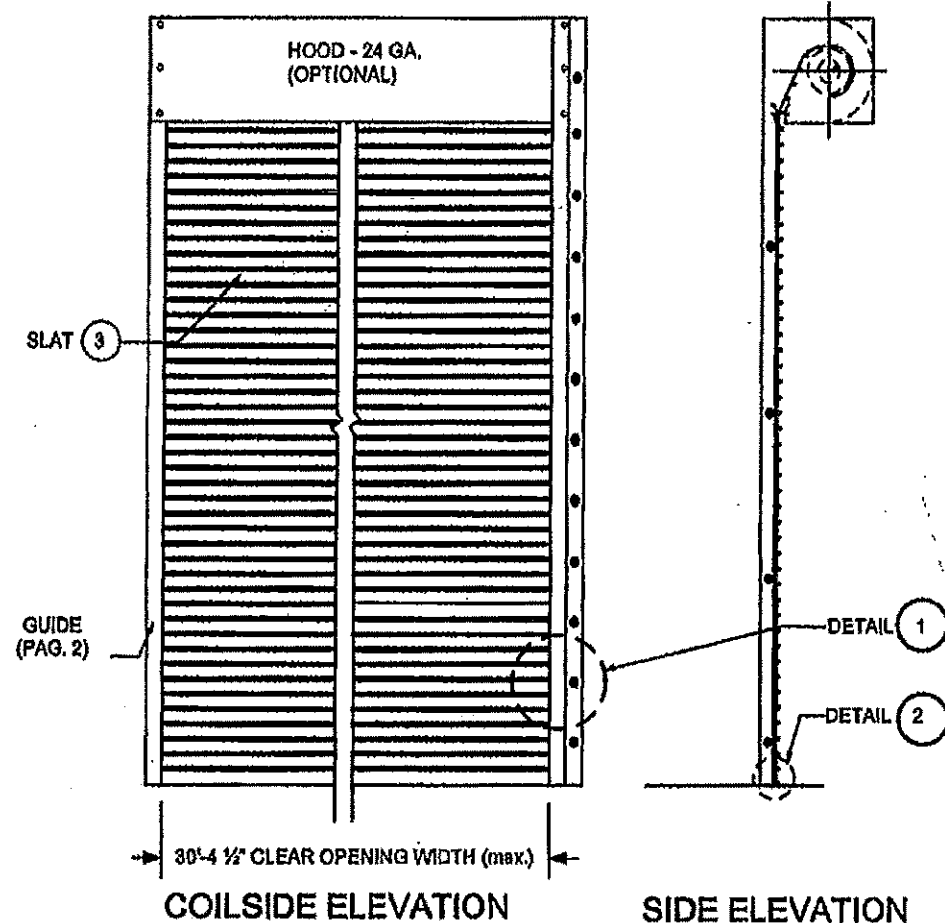
**E. MATERIAL CERTIFICATIONS**

1. *None.*

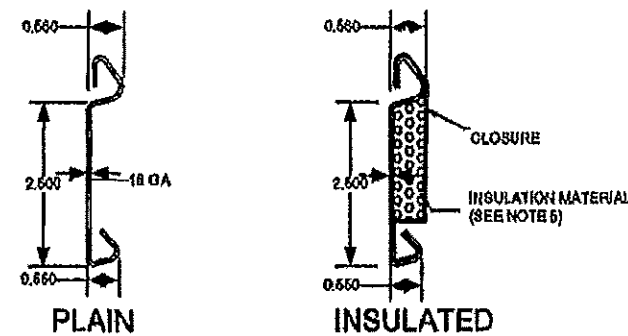
**F. STATEMENTS**

1. *Statement letter of FBC, 2014 code conformance, dated 10/07/15, signed and sealed by Joseph H. Dixon, Jr., P.E.*

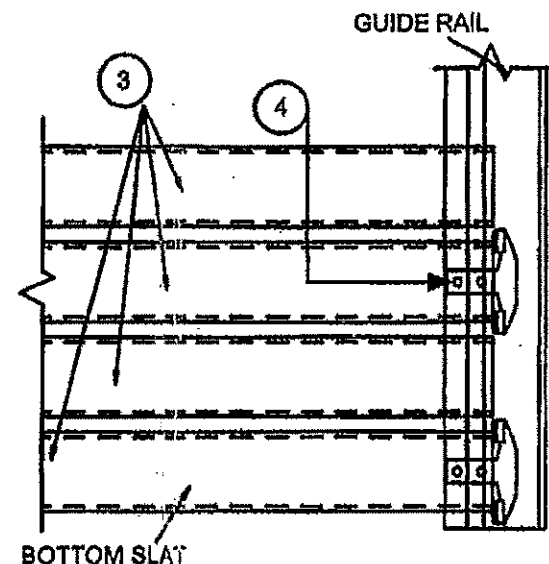
  
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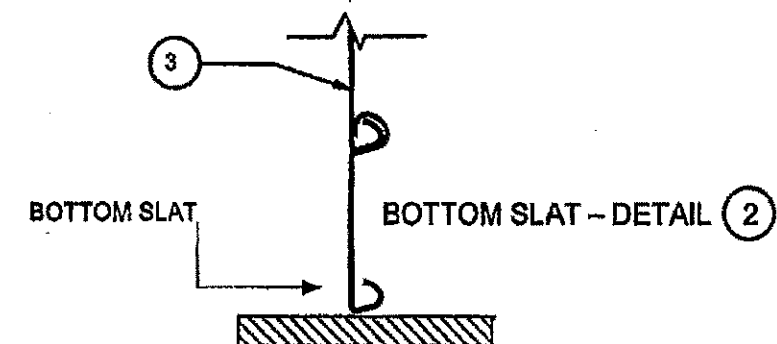
WINDLOCKS - DETAIL 4



FLAT SLAT - DETAIL 3



ELEVATION - DETAIL 1



### GENERAL NOTES:

1 - THE ROLL-UP DOOR SHOWN ON THIS PRODUCT APPROVAL DOCUMENT HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2014 FLORIDA BUILDING CODE, LATEST EDITION, AS A LARGE MISSILE IMPACT RESISTANT SYSTEM.

THE ROLL-UP DOOR RATING FOR THE DESIGN WIND PRESSURE, IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH THE TEST PROTOCOLS FOR HIGH VELOCITY HURRICANE ZONES, TAS-201, TAS-202 & TAS-203.

**ALLOWABLE DESIGN PRESSURE RATING: +100.0, -100.0 PSF**

2- SLAT TO BE A.S.T.M. A-653 GR 50 STRUCTURAL QUALITY STEEL WITH MIN. FY = 50 KSI AND G-90 GALVANIZING PER A.S.T.M. A-653, OR A.I.S.I. 304 SERIES STAINLESS STEEL MANUFACTURED WITH A MINIMUM YIELD STRENGTH OF FY = 50 KSI.

3- WINDLOCKS 11 GA PLATED STEEL, ASTM A-1011

4- ALL RIVETS TO BE A.I.S.I. 1035 STEEL, CADMIUM PLATED, STAINLESS STEEL OR ZINC PLATED W/ FY= 37,000 PSI.

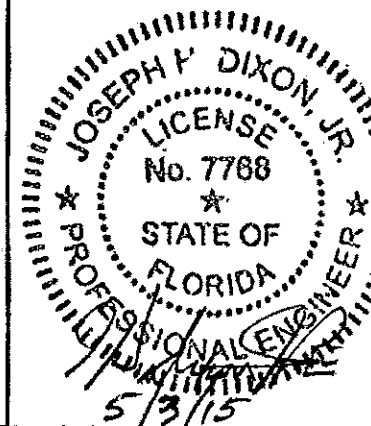
5- INSULATION MATERIAL SHALL BE EPS-EXPANDED POLYSTYRENE INSULATION MANUFACTURED BY DYPLAST PRODUCTS LLC COMPANY, DADE COUNTY NOTICE OF ACCEPTANCE # 11-0928.07.

6- DOOR MAY BE INSTALLED ON THE INSIDE OR OUTSIDE OF AN EXTERIOR WALL. DOOR IMPACTED ON BOTH SIDE.

7- GUIDE DETAILS CAN BE USED IN ANY COMBINATION.

8- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT APPROVAL DOCUMENT. THE CONTRACTOR SHALL ENSURE THAT THE WALL CAN SUPPORT THE JAMB FORCES INDICATE ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 15-1118.02  
Expiration Date 06/10/2019  
By *Healy A. Allen*  
Miami Door Product Control



ENG. NAME: JOSEPH H. DIXON JR. P.E.  
FL 7768

**Model S10-100**

**BEST ROLLING DOOR, MFG**

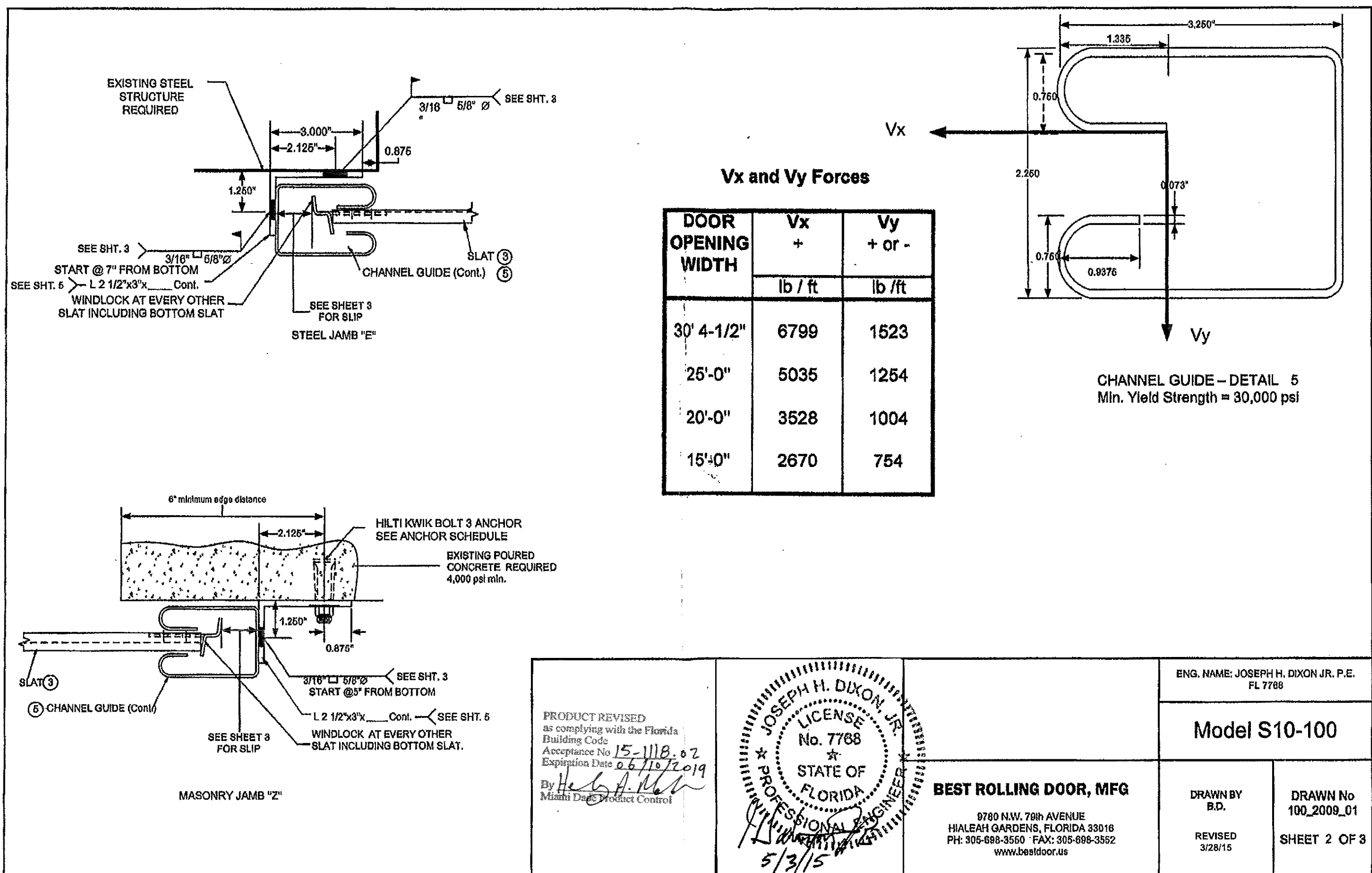
9780 N.W. 79th AVENUE  
HIALEAH GARDENS, FLORIDA 33018  
PH: 305-698-3550 FAX: 305-698-3552  
www.bestdoor.us

DRAWN BY  
B.D.

REVISED  
3/28/15

DRAWN No  
100\_2009\_01

SHEET 1 OF 3

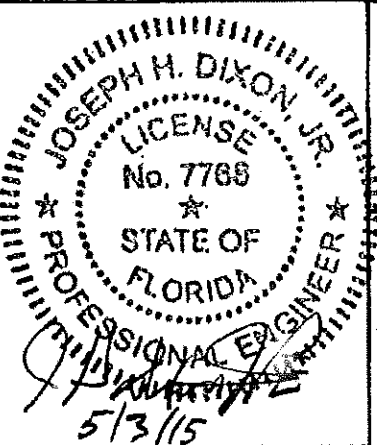


SUMMARY OF ANCHORAGE CALCULATIONS

	Best Rolling Doors			
	18 gage steel, 0.0451"			
	Design Wind Load +/- 100 psf			
	15'-0" wide	20'-0" wide	25'-0" wide	30'-4 1/2" wide
Slip	1.00 in	1.50 in	1.50 in	1.50 in
Catenary Force				
Positive Wind, Plf	2757 plf	3658 plf	5183 plf	6964 plf
Negative Wind, Plf	2757 plf	3658 plf	5183 plf	6964 plf
Vx and Vy Forces				
Positive Wind, Vx	2670 plf	3528 plf	5035 plf	6799 plf
Negative Wind, Vx	2670 plf	3528 plf	5035 plf	6799 plf
Positive Wind, Vy	754 plf	1004 plf	1254 plf	1523 plf
Negative Wind, Vy	754 plf	1004 plf	1254 plf	1523 plf
C-Guide, welded				
Electrode type	E70xx	E70xx	E70xx	E70xx
A. Weld, guide to wall angle, Outstanding leg only				
Hole diameter	5/8"	5/8"	5/8"	5/8"
Weld type	plug	plug	plug	plug
Weld thickness	3/16"	3/16"	3/16"	3/16"
Spacing	14" o.c.	12" o.c.	9 1/4" o.c.	7" o.c.
B. Weld, wall angle to jamb				
Hole diameter	5/8"	5/8"	5/8"	5/8"
Weld type	plug	plug	plug	plug
Weld thickness	3/16"	3/16"	3/16"	3/16"
Spacing	12" o.c.	9" o.c.	6 1/4" o.c.	4 1/4" o.c.
C-Guide, concrete anchors				
Concrete strength, fc	4000 psi	4000 psi	4000 psi	4000 psi
Positive Wind				
anchor tension, F12Cp	1629 plf	2204 plf	1944 plf	1530 plf
compression, F22Cp	875 plf	1199 plf	690 plf	7 plf
shear, F32Cp	2670 plf	3528 plf	5035 plf	6799 plf
Negative Wind				
anchor tension, F12Cn	821 plf	1085 plf	1548 plf	2090 plf
compression, F22Cn	1575 plf	2089 plf	2802 plf	3613 plf
shear, F32Cn	2670 plf	3528 plf	5035 plf	6799 plf
Type anchor, Hilti	Kwik Bolt 3	Kwik Bolt 3	Kwik Bolt 3	Kwik Bolt 3
Diameter	3/4"	3/4"	3/4"	3/4"
Embedment	6 1/2"	6 1/2"	6 1/2"	6 1/2"
Spacing	14" o.c.	10 1/2" o.c.	7" o.c.	5 1/4" o.c.

DOOR OPENING WIDTH	SLIP each end in	ANCHORS TO CONCRETE JAMB fc = 4000 psi	FIELD WELD TO STEEL JAMB		WALL ANGLE THICKNESS Gr60 Fy = 50 ksi	
		Wall Angle to jamb	Channel Guide		Channel Guide	
		Hilti Kwik Bolt 3 dia. x embedment x spacing	Plug Weld Wall Angle to Jamb	Plug Weld Channel to Wall Angle	E-Guide steel jamb	Z-Guide concrete jamb
30'-4-1/2"	1.60	3/4" x 6-1/2" @ 5-1/4" o.c.	5/8" dia. x 3/16" @ 4-3/4" o.c.	5/8" dia. x 3/16" @ 7" o.c.	1/2"	1/2"
26'-0"	1.60	3/4" x 6-1/2" @ 7" o.c.	5/8" dia. x 3/16" @ 6-1/4" o.c.	5/8" dia. x 3/16" @ 9-1/4" o.c.	7/16"	7/16"
20'-0"	1.50	3/4" x 6-1/2" @ 10-1/2" o.c.	5/8" dia. x 3/16" @ 8" o.c.	5/8" dia. x 3/16" @ 12" o.c.	3/8"	3/8"
15'-0"	1.00	3/4" x 6-1/2" @ 14" o.c.	5/8" dia. x 3/16" @ 12" o.c.	5/8" dia. x 3/16" @ 14" o.c.	5/16"	5/16"

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Model S10-100

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SHEET 3 OF 3